



# 4  
98 12-11-03  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dent, Paul W.

Serial No.: 09/945,002

Patent Pending

Filed: August 31, 2001

Group Art Unit: 2631

For: Interference Cancellation in a CDMA Receiving System

Confirmation No.: 1823

MAIL STOP DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

RECEIVED

DEC 10 2003

Technology Center 2600

**Supplemental Information Disclosure Statement**

Sir:

Attached hereto is an information disclosure statement (PTO-1449). This IDS is being submitted before any action on the merits. As such, no fee is required. However, if fees are required, please deduct from our Deposit Account No. 18-1167.

Respectfully submitted,

COATS AND BENNETT, PLLC

By:

*David E. Bennett*  
David E. Bennett  
Registration No. 32,194

Telephone: (919) 854-1844

**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS DOCUMENT IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, IN AN ENVELOPE ADDRESSED TO: MAIL STOP DD, COMMISSIONER FOR PATENTS, PO BOX 1450, ALEXANDRIA, VA 22313-1450

SIGNATURE: *Laura A. Wade*

DATE MAILED: 12/4/03



FORM PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION PURSUANT TO  
37 CFR §1.97 & 1.98**

Docket Number:	Serial Number:
4015-980	09/945,002
Applicant:	
Dent, Paul W.	
Filing Date:	Group:
August 31, 2001	2631

U. S. PATENT DOCUMENTS

Examiner						Filing Date	
Initial	Patent No.	Date	Name	Class	Subcl	If Approp.	
	A 6067324	2000	Harrison, Robert Mark				
	B 6144711	2000	Pollack, Michael A et al				
	C 6473467	2002	Wallace et al				
	D 6434366	2002	Harrison et al				
	E 4995057	1991	Chung, Hong Y				
	F 5887027	1999	Cohen, Herbert B et al				

RECEIVED  
DEC 10 2003  
Technology Center 2000

FOREIGN PATENT DOCUMENTS

						Translation	
	Patent No.	Date	Name	Class	Subcl	Yes	No
✓	G WO 0135548	2001	Arraycomm Inc				
✓	H WO 9809381	1998	University Leland Stanford Jr				
✓	I EP 1087545	2001	University Singapore				
✓	J WO 9837671	1998	Globespan Technologies Inc				
✓	K WO 0197474	2001	Mitsubishi Electric Corp				
✓	L EP 1067710	2001	CIT Alcatel				
✓	M EP 1207645	2002	Lucent Technologies Inc				
✓	N EP 0936781	1999	CIT Alcatel				
✓	O EP 1075122	2001	Mitsubishi Electric Inf Tech				
✓	P WO 0199453	2001	Matsushita Electric Ind Co Ltd				
✓	Q WO 9921375	1999	Ericsson Telefon AB				

OTHER DOCUMENTS (including author, title, date, pages, etc.)

R	Ying-Chang, Liang et al: "Transmit Antenna Array Techniques for Cellular CDMA Systems" Personal, Indoor and Mobile Radio Communications, 1998. The Ninth IEEE International Symposium on Boston, MA, USA, 8-11 Sept. 1998, New York, NY, USA < IEEE, US, 8 September 1998, pages 1396-1400, XP010314608 ISBN: 0-7803-4872-9
S	Kawakami E et al: "Multi-Stage Interference Canceller Systems With Accurate Radio Channel Estimation Under Fading Environment" 1997 IEEE 6 <sup>th</sup> International Conference on Universal Personal Communication Record. San Diego, 12-16 Oct. 1997, IEEE International Conference on Universal Personal Communications, New York, IEEE, US, vol. 2 conf. 6, 12 October 1997, pages 475-479, XP010248754 ISBN: 0-7803-3777-8

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.